

In the Abstract:

**ABSTRACT OF THE DISCLOSURE**

**~~Green-emitting LED~~**

Phosphor from the class of the oxynitridosilicates, having a cation M which is doped with divalent europium and having the empirical formula  $M_{(1-c)}Si_2O_2N_2:D_c$ , where  $M = Sr$  or  $M = Sr_{(1-x-y)}Ba_yCa_x$  with  $x+y < 0.5$  is used, the oxynitridosilicate completely or predominantly comprising the high-temperature-stable modification HT.

~~Fig. 1~~